

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/734,886	12/15/2003	Bruce D. Lund	4004041.0030	1016
34758	7590 09/22/2005		EXAM	INER
JACK SHORE			HWU, DAVIS D	
MUCH SHE	LIST FREED DENENBER	G AMENT&RUBENSTEIN,PC		
191 N. WAC	KER DRIVE		ART UNIT	PAPER NUMBER
SUITE 1800			3752	
CHICAGO, IL 60606-1615			DATE MAILED: 09/22/200.	5

Please find below and/or attached an Office communication concerning this application or proceeding.

	•	
	Application No.	Applicant(s)
	10/734,886	LUND ET AL.
Office Action Summary	Examiner	Art Unit
	Davis D. Hwu	3752
The MAILING DATE of this communication a	ppears on the cover sheet w	ith the correspondence address
Period for Reply	•	
A SHORTENED STATUTORY PERIOD FOR REP WHICHEVER IS LONGER, FROM THE MAILING I - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the mail earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNI .136(a). In no event, however, may a did will apply and will expire SIX (6) MONte, cause the application to become Al	CATION. reply be timely filed NTHS from the mailing date of this communication. BANDONED (35 U.S.C. § 133).
Status		
1) Responsive to communication(s) filed on 15	December 2003	
	is action is non-final.	
3) Since this application is in condition for allow		ters prosecution as to the merits is
closed in accordance with the practice under	•	
		•
Disposition of Claims —	•	
4)⊠ Claim(s) <u>1-8</u> is/are pending in the application	•	
4a) Of the above claim(s) is/are withdr	awn from consideration.	•
5) Claim(s) is/are allowed.		
6)⊠ Claim(s) <u>1,4 and 5</u> is/are rejected.		
7) Claim(s) 2,3 and 6-8 is/are objected to.		
•	or election requirement.	
7)⊠ Claim(s) <u>2,3 and 6-8</u> is/are objected to. 8)□ Claim(s) are subject to restriction and/	or election requirement.	
7)⊠ Claim(s) <u>2,3 and 6-8</u> is/are objected to. 8)□ Claim(s) are subject to restriction and/		,
7)⊠ Claim(s) 2,3 and 6-8 is/are objected to. 8)□ Claim(s) are subject to restriction and/ Application Papers 9)□ The specification is objected to by the Examir	ner.	hu tha Evaminas
7) Claim(s) 2,3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examir 10) The drawing(s) filed on is/are: a) ac	ner. cepted or b)⊡ objected to	
7) Claim(s) 2,3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination The drawing(s) filed on is/are: a) according to the Applicant may not request that any objection to the	ner. cepted or b)⊡ objected to e drawing(s) be held in abeyar	nce. See 37 CFR 1.85(a).
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examin 10) The drawing(s) filed on is/are: a) accompany and applicant may not request that any objection to the Replacement drawing sheet(s) including the correction.	ner. cepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing	nce. See 37 CFR 1.85(a). i(s) is objected to. See 37 CFR 1.121(d).
7) Claim(s) 2,3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination The drawing(s) filed on is/are: a) according to the Applicant may not request that any objection to the	ner. cepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing	nce. See 37 CFR 1.85(a). i(s) is objected to. See 37 CFR 1.121(d).
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examin 10) The drawing(s) filed on is/are: a) accompany and applicant may not request that any objection to the Replacement drawing sheet(s) including the correction.	ner. cepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing	nce. See 37 CFR 1.85(a). i(s) is objected to. See 37 CFR 1.121(d).
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examin 10) The drawing(s) filed on is/are: a) acceptant may not request that any objection to the Replacement drawing sheet(s) including the correction of	ner. cepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). d Office Action or form PTO-152.
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination The drawing(s) filed on is/are: a) and a compared applicant may not request that any objection to the Replacement drawing sheet(s) including the correction of the	ner. cepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). d Office Action or form PTO-152.
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination The drawing(s) filed on is/are: a) and a complete and applicant may not request that any objection to the Replacement drawing sheet(s) including the correction of the correction o	ner. cepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). d Office Action or form PTO-152.
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination The drawing(s) filed on is/are: a) and Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction The oath or declaration is objected to by the Examination The oath or declaration The	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. {	nce. See 37 CFR 1.85(a). y(s) is objected to. See 37 CFR 1.121(d). d Office Action or form PTO-152. § 119(a)-(d) or (f).
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examin 10) The drawing(s) filed on is/are: a) accomposed and applicant may not request that any objection to the Replacement drawing sheet(s) including the correction of the	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. (ints have been received. ints have been received in A	nce. See 37 CFR 1.85(a). y(s) is objected to. See 37 CFR 1.121(d). d Office Action or form PTO-152. § 119(a)-(d) or (f). Application No
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination 10) The drawing(s) filed on is/are: a) and Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction 11) The oath or declaration is objected to by the Examination is objected to by the Examin	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. { ints have been received. ints have been received in A ority documents have been	nce. See 37 CFR 1.85(a). y(s) is objected to. See 37 CFR 1.121(d). d Office Action or form PTO-152. § 119(a)-(d) or (f). Application No
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination 10) The drawing(s) filed on is/are: a) and Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction 11) The oath or declaration is objected to by the Examination is objected to by the Examin	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. (ints have been received. ints have been received in A ority documents have been au (PCT Rule 17.2(a)).	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). Id Office Action or form PTO-152. If a second or form PT
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination 10) The drawing(s) filed on is/are: a) and Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction 11) The oath or declaration is objected to by the Examination is objected to by the Examin	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. (ints have been received. ints have been received in A ority documents have been au (PCT Rule 17.2(a)).	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). Id Office Action or form PTO-152. If a second or form PT
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination 10) The drawing(s) filed on is/are: a) and Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction 11) The oath or declaration is objected to by the Examination is objected to by the Examin	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. (ints have been received. ints have been received in A ority documents have been au (PCT Rule 17.2(a)).	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). Id Office Action or form PTO-152. If a second secon
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination 10) The drawing(s) filed on is/are: a) and Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction 11) The oath or declaration is objected to by the Examination is objected to by the Examin	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. (ints have been received. ints have been received in A ority documents have been au (PCT Rule 17.2(a)).	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). Id Office Action or form PTO-152. If a second or form PT
7) Claim(s) 2.3 and 6-8 is/are objected to 8) Claim(s) are subject to restriction and/Application Papers 9) The specification is objected to by the Examination 10) The drawing(s) filed on is/are: a) and Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction 11) The oath or declaration is objected to by the Examination 11. Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Bureation from the International Bureatic from the International Bureation fro	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. (ints have been received. Ints have been received in A ority documents have been au (PCT Rule 17.2(a)). It of the certified copies not	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). Id Office Action or form PTO-152. If a second in this National Stage received.
7) Claim(s) 2.3 and 6-8 is/are objected to. 8) Claim(s) are subject to restriction and/ Application Papers 9) The specification is objected to by the Examination 10) The drawing(s) filed on is/are: a) and a complete an	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. (ints have been received. Ints have been received in A ority documents have been au (PCT Rule 17.2(a)). Interview S	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). Id Office Action or form PTO-152. If a second contact of the s
7) Claim(s) 2.3 and 6-8 is/are objected to 8) Claim(s) are subject to restriction and/Application Papers 9) The specification is objected to by the Examination 10) The drawing(s) filed on is/are: a) and Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction 11) The oath or declaration is objected to by the Examination 11. Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Bureation from the International Bureatic from the International Bureation fro	ner. ccepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing Examiner. Note the attached in priority under 35 U.S.C. { ints have been received. ints have been received in A ority documents have been au (PCT Rule 17.2(a)). ist of the certified copies not	nce. See 37 CFR 1.85(a). I(s) is objected to. See 37 CFR 1.121(d). Id Office Action or form PTO-152. If a second in this National Stage received.

Art Unit: 3752

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.
- The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).
- 3. Claims 1, 4, and 5 are rejected under 35 U.S.C. 102(e) as being anticipated by Lawson et al. (US Patent 6,595,437)

Lawson et al. '437 shows a pump operated spray assembly comprising a housing defining an outlet opening, a water reservoir 2 in the housing 204, a tube leading from the reservoir to the outlet opening, a peristaltic pump as recited, a motor assembly operating the pump, a power supply for the motor (Column 3, lines 21-32), and a trigger-operated circuit as recited (Column 10, lines 1-8).

Allowable Subject Matter

Application/Control Number: 10/734,886 Page 3

Art Unit: 3752

4. Claims 2, 3, and 6-8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

- 5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The patents to Lawson et al., Argentieri et al., Faeser et al., and Kuhl et al. are pertinent to Applicant's invention.
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Davis D. Hwu whose telephone number is 571-272-4904. The examiner can normally be reached on 8:00-4:30. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Scherbel can be reached on 571-272-4919. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Davis Hwu

DAVIS HAVU PRIMARY EXAMINEF